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LETTER REGARDING OBTAINING BOREHOLE GEOPHYSICAL LOGS FROM A WELL NEAR CROOKED RIVER PLANTATION NSB KINGS BAY GA
2/11/1994
U S DEPARTMENT OF THE INTERIOR

D Riggers

United States Department of the Interior

TAKE PRIDE IN AMERICA

GEOLOGICAL SURVEY
Water Resources Division
Peachtree Business Center, Suite 130
3039 Amwiler Road
Atlanta, Georgia 30360-2824

February 11, 1994

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16.01.00.0017

Mr. Bill Watson
Rayland Company
501 Centre Street
Fernandina Beach, Florida 32035

Dear Mr. Watson:

The U.S. Geological Survey is interested in obtaining borehole geophysical logs from a well located near the entrance to the Crooked River Plantation subdivision adjacent to the Kings Bay submarine base in Georgia. The well has 10-inch diameter casing, and is approximately 380 feet deep. Mr. Welby Stayton of our Savannah field office recently contacted you about the well, and we understand from your discussions with Mr. Stayton that the well is owned by Rayland Company.

Information obtained from the geophysical logs would be used in a study of the hydrology of the area. The study is being done for the U.S. Navy. Several logs, in the form of graphs, would be used to obtain an understanding of the rock strata and underground water in the vicinity of the well. The logs are obtained by lowering different electronic tools down the well. The tools are connected to an electrical cable and recording devices, and are retrieved from the well when logging is completed. The equipment is operated from a truck owned by the federal government.

The U.S. Geological Survey asks your permission to do this logging. Your response can be sent to me at the address shown above. The logging would probably be done about middle-to-late March of this year, and would probably be completed in one day. We would supply copies of the geophysical logs to you, and to the U.S. Navy.

The well presently has a steel plate covering the top of the casing, and the plate is secured by badly rusted bolts. If permission to log the well is granted, plans are to discard the old plate and bolts, and replace them with new ones. The new plate would have a 6-inch diameter nipple at the top, and the nipple would have a valve for diverting flow away from the well during logging operations. The new plate would stop all flow from the well, just as the old plate had done. If you would prefer that the old plate be returned to the well, however, we would secure it as originally found.

Thank you for your consideration of this matter. If you have any questions, please contact me at (404) 903-9100.

Sincerely,

Harold H. Zehner

Harold H. Zehner

cc: David Driggers
U.S. Navy, Southern Division
Naval Facilities Engineering Command.
North Charleston, South Carolina